

LLL	BBBBBBBBBBBBBB	RRRRRRRRRRRR
LLL	BBBBBBBBBBBBBB	RRRRRRRRRRRR
LLL	BBBBBBBBBBBBBB	RRRRRRRRRRRR
LLL	BBB	RRR
LLL	BBBBBBBBBBBBBB	RRRRRRRRRRRR
LLL	BBBBBBBBBBBBBB	RRRRRRRRRRRR
LLL	BBBBBBBBBBBBBB	RRRRRRRRRRRR
LLL	BBB	RRR
LLL	BBBBBBBBBBBBBB	RRRRRRRRRRRR
LLL	BBBBBBBBBBBBBB	RRRRRRRRRRRR
LLL	BBBBBBBBBBBBBB	RRRRRRRRRRRR

Val

LL BBBBBBBB RRRRRRRR SSSSSSSS HH HH RRRRRRRR
LL BBBBBBBB RRRRRRRR SSSSSSSS HH HH RRRRRRRR
LL BB BB RR RR SS HH HH RR RR
LL BB BB RR RR SS HH HH RR RR
LL BB BB RR RR SS HH HH RR RR
LL BB BB RR RR SS HH HH RR RR
LL BBBBBBBB RRRRRRRR SSSSSS HHHHHHHHHHH RRRRRRRR
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LL BB BB RR RR SS HH HH RR RR
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LL LLLLLLLL BBBBBBBB RR RR SSSSSSSS HH HH RR RR
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MM	MM	AAAAAA	PPPPPPP			
MM	MM	AAAAAA	PPPPPPP			
MMMM	MMMM	AA	AA	PP	PP	
MMMM	MMMM	AA	AA	PP	PP	
MM	MM	MM	AA	AA	PP	PP
MM	MM	MM	AA	AA	PP	PP
MM	MM	AA	AA	PPPPPPP	PP	
MM	MM	AA	AA	PPPPPPP	PP	
MM	MM	AAAAAA	AAAAAA	PP	PP	
MM	MM	AAAAAA	AAAAAA	PP	PP	
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MM	MM	AA	AA	PP	PP	
MM	MM	AA	AA	PP	PP	
MM	MM	AA	AA	PP	PP	

! Object Module Synopsis !

Module Name	Ident	Bytes	File	Creation Date	Creator	Vir	Sta
LBR_TRANSFER	V04-000	512	-\$255\$DUA28:[LBR.OBJ]LBR.OLB;1	16-SEP-1984 01:47	VAX/VMS Macro V04-00	Ima	Ima
CACHE	V04-000	359	-\$255\$DUA28:[LBR.OBJ]LBR.OLB;1	16-SEP-1984 01:46	VAX/VMS Macro V04-00	Ima	Ima
GETMEM	V04-000	258	-\$255\$DUA28:[LBR.OBJ]LBR.OLB;1	16-SEP-1984 01:47	VAX/VMS Macro V04-00	Ima	Ima
LBRMSG	0	0	-\$255\$DUA28:[LBR.OBJ]LBR.OLB;1	16-SEP-1984 02:09	VAX-11 Message V04-00	Num	Num
LBR_DATA	V04-000	156	-\$255\$DUA28:[LBR.OBJ]LBR.OLB;1	16-Sep-1984 01:47	VAX-11 Bliss-32 V4.0-742	Num	Num
LBR_GETHELP	V04-000	4053	-\$255\$DUA28:[LBR.OBJ]LBR.OLB;1	16-Sep-1984 01:50	VAX-11 Bliss-32 V4.0-742	Num	Num
LBR_GETPUT	V04-000	4704	-\$255\$DUA28:[LBR.OBJ]LBR.OLB;1	16-Sep-1984 01:53	VAX-11 Bliss-32 V4.0-742	Num	Num
LBR_INDEX	V04-000	4184	-\$255\$DUA28:[LBR.OBJ]LBR.OLB;1	16-Sep-1984 01:56	VAX-11 Bliss-32 V4.0-742	Num	Num
LBR_OLDLIB	V04-000	2267	-\$255\$DUA28:[LBR.OBJ]LBR.OLB;1	16-Sep-1984 01:59	VAX-11 Bliss-32 V4.0-742	Num	Num
LBR_OPENCLOSE	V04-000	3465	-\$255\$DUA28:[LBR.OBJ]LBR.OLB;1	16-Sep-1984 02:01	VAX-11 Bliss-32 V4.0-742	Ima	Ima
LBR_OUTPUTHELP	V04-000	4298	-\$255\$DUA28:[LBR.OBJ]LBR.OLB;1	16-Sep-1984 02:04	VAX-11 Bliss-32 V4.0-742	Map	Map
LBR_PUTCACHE	V04-000	744	-\$255\$DUA28:[LBR.OBJ]LBR.OLB;1	16-Sep-1984 02:06	VAX-11 Bliss-32 V4.0-742	Est	Est
LBR_SUBS	V04-000	1068	-\$255\$DUA28:[LBR.OBJ]LBR.OLB;1	16-Sep-1984 02:07	VAX-11 Bliss-32 V4.0-742		
PAD	V04-000	1024	-\$255\$DUA28:[LBR.OBJ]LBR.OLB;1	16-SEP-1984 01:47	VAX/VMS Macro V04-00		
DCXSHR	V04-000	0	-\$255\$DUA28:[DCX.OBJ]DCXSHR.STB;1	16-SEP-1984 04:13	VAX-11 Linker V04-00		
MATCHNAME	V04-000	72	-\$255\$DUA28:[SYSLIB]SYSBLLIB.OLB;1	16-SEP-1984 02:18	VAX/VMS Macro V04-00	Per	---
CALLIMAGE	V04-000	377	-\$255\$DUA28:[SYSLIB]SYSBLLIB.OLB;1	16-SEP-1984 02:16	VAX/VMS Macro V04-00		
LIB\$CVT_ATB	V04-000	122	-\$255\$DUA28:[SYSLIB]STARLET.OLB;2	16-SEP-1984 02:17	VAX/VMS Macro V04-00		
LIB\$EF	1-006	217	-\$255\$DUA28:[SYSLIB]STARLET.OLB;2	15-SEP-1984 23:59	VAX/VMS Macro V04-00		
LIB\$VM	2-046	676	-\$255\$DUA28:[SYSLIB]STARLET.OLB;2	16-Sep-1984 01:20	VAX-11 Bliss-32 V4.0-742		
LIB\$PUT_OUTPUT	1-006	262	-\$255\$DUA28:[SYSLIB]STARLET.OLB;2	16-Sep-1984 01:08	VAX-11 Bliss-32 V4.0-742		
LIB\$SIGNAL	1-018	220	-\$255\$DUA28:[SYSLIB]STARLET.OLB;2	16-SEP-1984 00:18	VAX/VMS Macro V04-00		
LIB\$MSGDEF	2-018	0	-\$255\$DUA28:[SYSLIB]STARLET.OLB;2	15-SEP-1984 23:43	VAX-11 Message V04-00		
SYSSSSDEF	V04-000	0	-\$255\$DUA28:[SYSLIB]STARLET.OLB;2	16-SEP-1984 01:18	VAX/VMS Macro V04-00		
SYSSP1_VECTOR	V04-000	0	-\$255\$DUA28:[SYSLIB]STARLET.OLB;2	16-SEP-1984 00:40	VAX/VMS Macro V04-00		
LIB\$ANALYZE_SDESC	1-003	101	-\$255\$DUA28:[SYSLIB]STARLET.OLB;2	15-SEP-1984 23:47	VAX/VMS Macro V04-00	Tot	Usi
LIB\$MSGDEF	2-018	0	-\$255\$DUA28:[SYSLIB]STARLET.OLB;2	15-SEP-1984 23:43	VAX-11 Message V04-00	Tot	

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! Image Section Synopsis !
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Cluster	Type	Pages	Base Addr	Disk	VBN	PFC	Protection and Paging	Global Sec.	Sec. Name	Match	Majorid	Minorid
-----	-----	-----	-----	-----	---	---	-----	-----	-----	-----	-----	-----
DEFAULT_CLUSTER	1	1	00000000-R		2	0	READ ONLY					
	2	3	00000200-R		3	0	READ WRITE	COPY ON REF				
	2	54	00000800-R		6	0	READ ONLY					
	4	1	00007400-R		60	0	READ WRITE	COPY ON REF				

Key for special characters above:

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! R - Relocatable !
! P - Protected !
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! Program Section Synopsis !
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Psect Name	Module Name	Base	End	Length	Align	Attributes
\$\$VECTOR_0_LBR	LBR_TRANSFER	00000000	000001FF	00000200	{ 512.) BYTE 0	NOPIC,USR,CON,REL,LCL, SHR, EXE, RD,NOWRT,NOVEC
		00000000	000001FF	00000200	{ 512.) BYTE 0	
\$GLOBALS	LBR_DATA	00000200	0000049B	0000029C	{ 668.) LONG 2	NOPIC,USR,CON,REL,LCL,NOSHR,NOEXE, RD, WRT,NOVEC
	PAD	00000200	0000029B	0000009C	{ 156.) LONG 2	
		0000029C	0000049B	00000200	{ 512.) BYTE 0	
\$OWNS	GETMEM	0000049C	0000068B	000001F0	{ 496.) LONG 2	NOPIC,USR,CON,REL,LCL,NOSHR,NOEXE, RD, WRT,NOVEC
	LBR_OPENCLOSE	0000049C	000004B3	00000018	{ 24.) BYTE 0	
	LBR_OUTPUTHELP	000004B4	000004D3	00000020	{ 32.) LONG 2	
		000004D4	0000068B	000001B8	{ 440.) LONG 2	
\$CODE\$	CACHE	00000800	00006B53	00006354	{ 25428.) LONG 2	NOPIC,USR,CON,REL,LCL,NOSHR, EXE, RD,NOWRT,NOVEC
	GETMEM	00000800	00000966	00000167	{ 359.) BYTE 0	
	LBR_GETHELP	00000967	00000A50	000000EA	{ 234.) BYTE 0	
	LBR_GETPUT	00000A54	00001A28	00000FD5	{ 4053.) LONG 2	
	LBR_INDEX	00001A2C	00002C8B	00001260	{ 4704.) LONG 2	
	LBR_OLDLIB	00002C8C	00003CE3	00001058	{ 4184.) LONG 2	
	LBR_OPENCLOSE	00003CE4	000045BE	000008DB	{ 2267.) LONG 2	
	LBR_OUTPUTHELP	000045C0	0000532B	00000D69	{ 3433.) LONG 2	
	LBR_PUTCACHE	0000532C	0000623D	00000F12	{ 3858.) LONG 2	
	LBR_SUBS	00006240	00006527	000002E8	{ 744.) LONG 2	
	PAD	00006528	00006953	0000042C	{ 1068.) LONG 2	
		00006954	00006B53	00000200	{ 512.) BYTE 0	
_LIB\$CODE	MATCHNAME	00006B54	0000730C	000007B9	{ 1977.) LONG 2	NOPIC,USR,CON,REL,LCL,NOSHR, EXE, RD,NOWRT,NOVEC
	CALLIMAGE	00006B54	00006B9B	00000048	{ 72.) BYTE 0	
	LIB\$CVT_ATB	00006B9C	00006D10	00000175	{ 373.) BYTE 0	
	LIB\$EF	00006D14	00006D8D	0000007A	{ 122.) LONG 2	
	LIB\$VM	00006D90	00006E60	000000D1	{ 209.) LONG 2	
	LIB\$PUT_OUTPUT	00006E64	000070C7	00000264	{ 612.) LONG 2	
	LIB\$SIGNAL	000070C8	000071CB	00000104	{ 260.) LONG 2	
	LIB\$ANALYZE_SDESC	000071CC	000072A7	000000DC	{ 220.) LONG 2	
		000072A8	0000730C	00000065	{ 101.) LONG 2	
_LIB\$DATA	CALLIMAGE	00007400	0000744F	00000050	{ 80.) LONG 2	PIC,USR,CON,REL,LCL,NOSHR,NOEXE, RD, WRT,NOVEC
	LIB\$EF	00007400	00007403	00000004	{ 4.) BYTE 0	
	LIB\$VM	00007404	0000740B	00000008	{ 8.) LONG 2	
	LIB\$PUT_OUTPUT	0000740C	0000744B	00000040	{ 64.) LONG 2	
	LIB\$ANALYZE_SDESC	0000744C	0000744D	00000002	{ 2.) LONG 2	
		00007450	00007450	00000000	{ 0.) LONG 2	

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! Symbol Cross Reference !
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Symbol	Value	Defined By	Referenced By ...		
ADD_CACHE	00000800-R	CACHE	LBR_GETPUT LBR_SUBS	LBR_INDEX	LBR_OPENCLOSE
ADD_KEY	0000313C-R	LBR_INDEX			
ALLOC_BLOCK	00006677-R	LBR_SUBS	LBR_GETPUT	LBR_INDEX	LBR_OPENCLOSE
CHECK_LOCK	00003CA7-R	LBR_INDEX	LBR_PUTCACHE		
DCX\$ANALYZE_DATA	00000008-R	DCXSHR	LBR_DATA		
DCX\$ANALYZE_DONE	00000018-R	DCXSHR	LBR_DATA		
DCX\$ANALYZE_INIT	00000000-R	DCXSHR	LBR_DATA		
DCX\$COMPRESS_DATA	00000028-R	DCXSHR	LBR_DATA		
DCX\$COMPRESS_DONE	00000030-R	DCXSHR	LBR_DATA		
DCX\$COMPRESS_INIT	00000020-R	DCXSHR	LBR_DATA		
DCXSC_BOUNDED	00000101	DCXSHR			
DCXSC_EST_BYTES	00000202	DCXSHR			
DCXSC_EST_RECORDS	00000201	DCXSHR			
DCXSC_LIST	00000001	DCXSHR			
DCXSC_ONE_PASS	00000102	DCXSHR			
DCX\$EXPAND_DATA	00000040-R	DCXSHR	LBR_DATA		
DCX\$EXPAND_DONE	00000048-R	DCXSHR	LBR_DATA		
DCX\$EXPAND_INIT	00000038-R	DCXSHR	LBR_DATA		
DCX\$MAKE_MAP	00000010-R	DCXSHR	LBR_DATA		
DCXS AGAIN	00F68403	DCXSHR	LBR_OPENCLOSE		
DCXS_INVARG	00F69002	DCXSHR			
DCXS_INVCTX	00F69012	DCXSHR			
DCXS_INVDATA	00F6900A	DCXSHR			
DCXS_INVMAP	00F69022	DCXSHR			
DCXS_NORMAL	00F68001	DCXSHR	LBR_OPENCLOSE		
DCXS_TRUNC	00F68800	DCXSHR			
DCXSHR_ADDRESS	00000270-R	LBR_DATA	LBR_GETHELP	LBR_GETPUT	LBR_OPENCLOSE
DCX_ANALYZE_DATA	00000278-R	LBR_DATA	LBR_OPENCLOSE		
DCX_ANALYZE_DONE	0000027C-R	LBR_DATA	LBR_OPENCLOSE		
DCX_ANALYZE_INIT	00000274-R	LBR_DATA	LBR_OPENCLOSE		
DCX_COMPRESS_DATA	00000284-R	LBR_DATA	LBR_GETPUT		
DCX_COMPRESS_DONE	00000288-R	LBR_DATA	LBR_OPENCLOSE		
DCX_COMPRESS_INIT	00000280-R	LBR_DATA	LBR_OPENCLOSE		
DCX_EXPAND_DATA	00000290-R	LBR_DATA	LBR_GETHELP	LBR_GETPUT	
DCX_EXPAND_DONE	00000294-R	LBR_DATA	LBR_OPENCLOSE		
DCX_EXPAND_INIT	0000028C-R	LBR_DATA	LBR_OPENCLOSE		
DCX_IT	00004792-R	LBR_OPENCLOSE			
DCX_MAKE_MAP	00000298-R	LBR_DATA	LBR_OPENCLOSE		
DEALLOC_BLOCK	000066DD-R	LBR_SUBS	LBR_GETPUT	LBR_INDEX	
DEALLOC_CACHE	0000646E-R	LBR_PUTCACHE	LBR_OPENCLOSE		
DEALLOC_MEM	000065D3-R	LBR_SUBS	CACHE LBR_INDEX LBR_PUTCACHE	LBR_GETHELP LBR_OLDLIB	LBR_GETPUT LBR_OPENCLOSE
DECR_REFCNT	000024F9-R	LBR_GETPUT	LBR_INDEX		
DELETE_DATA	00001E3A-R	LBR_GETPUT			
DELETE_KEY	00002EDF-R	LBR_INDEX			
EMPTY_CACHE	000008EA-R	CACHE	LBR_INDEX	LBR_PUTCACHE	
FIND_BLOCK	000065F6-R	LBR_SUBS	LBR_GETPUT	LBR_INDEX	LBR_OLDLIB

Symbol	Value	Defined By	Referenced By ...	
FIND_INDEX	0000391B-R	LBR_INDEX	LBR_GETPUT	
FIND_KEY	0000369E-R	LBR_INDEX	LBR_GETHELP	
FMGS\$MATCH_NAME	00006B54-R	MATCHNAME	LBR_INDEX	LBR_OLDLIB
GET_MEM	000065D0-R	LBR_SUBS	LBR_INDEX	LBR_INDEX
GET_ZMEM	000065D6-R	LBR_SUBS	LBR_INDEX	LBR_PUTCACHE
INCR_REFCNT	00002451-R	LBR_GETPUT	LBR_INDEX	LBR_INDEX
INCR_RFA	00006930-R	LBR_SUBS	LBR_INDEX	
LBR\$AL_CTLTAB	00000208-R	LBR_DATA	LBR_INDEX	LBR_INDEX
LBR\$CLOSE	00004EF8-RU	LBR_OPENCLOSE	LBR_INDEX	LBR_INDEX
LBR\$DCX_MAP	00004636-RU	LBR_OPENCLOSE	LBR_INDEX	LBR_INDEX
LBR\$DELETE_DATA	00001DAA-RU	LBR_GETPUT	LBR_INDEX	LBR_INDEX
LBR\$DELETE_KEY	00002EA7-RU	LBR_INDEX	LBR_INDEX	LBR_INDEX
LBR\$FIND	00001A74-RU	LBR_GETPUT	LBR_INDEX	LBR_INDEX
LBR\$FLUSH	000064CE-RU	LBR_PUTCACHE	LBR_INDEX	LBR_INDEX
LBR\$FREE_VM	000009D6-R	GETMEM	LBR_INDEX	LBR_INDEX
LBR\$GET_HEADER	000051DD-RU	LBR_OPENCLOSE	LBR_INDEX	LBR_INDEX
LBR\$GET_HELP	00000B57-RU	LBR_GETHELP	LBR_INDEX	LBR_INDEX
LBR\$GET_HISTORY	00002B62-RU	LBR_GETPUT	LBR_INDEX	LBR_INDEX
LBR\$GET_INDEX	00002F34-RU	LBR_INDEX	LBR_INDEX	LBR_INDEX
LBR\$GET_RECORD	00001C77-RU	LBR_GETPUT	LBR_INDEX	LBR_INDEX
LBR\$GET_VM	00000967-R	GETMEM	LBR_INDEX	LBR_INDEX
LBR\$GL_CONTROL	00000200-RU	LBR_DATA	CACHE	LBR_INDEX
LBR\$GL_HICTL	00000248-R	LBR_DATA	LBR_INDEX	LBR_INDEX
LBR\$GL_MAXIDXRD	0000026C-R	LBR_DATA	LBR_INDEX	LBR_INDEX
LBR\$GL_MAXREAD	00000268-R	LBR_DATA	LBR_INDEX	LBR_INDEX
LBR\$GL_RMSSTV	00000204-RU	LBR_DATA	LBR_INDEX	LBR_INDEX
LBR\$GT_EOTDESC	0000024C-R	LBR_DATA	LBR_INDEX	LBR_INDEX
LBR\$GT_LBRVER	00000250-R	LBR_DATA	LBR_INDEX	LBR_INDEX
LBR\$INI_CONTROL	000045C0-RU	LBR_OPENCLOSE	LBR_INDEX	LBR_INDEX
LBR\$INSERT_KEY	00002D99-RU	LBR_INDEX	LBR_INDEX	LBR_INDEX
LBR\$INSERT_TIME	000025A1-RU	LBR_GETPUT	LBR_INDEX	LBR_INDEX
LBR\$K_LIBBLOCKS	0000000A	LBR_OLDLIB	LBR_INDEX	LBR_INDEX
LBR\$LOAD_DCX	000047F8-R	LBR_OPENCLOSE	LBR_INDEX	LBR_INDEX
LBR\$LOOKUP_KEY	00002CCA-RU	LBR_INDEX	LBR_INDEX	LBR_INDEX
LBR\$OPEN	00004838-RU	LBR_OPENCLOSE	LBR_INDEX	LBR_INDEX
LBR\$OUTPUT_HELP	0000532C-RU	LBR_OUTPUTHELP	LBR_INDEX	LBR_INDEX
LBR\$PATCH	00006954-R	PAD	LBR_INDEX	LBR_INDEX
LBR\$PUT_END	00001C1D-RU	LBR_GETPUT	LBR_INDEX	LBR_INDEX
LBR\$PUT_HISTORY	00002867-RU	LBR_GETPUT	LBR_INDEX	LBR_INDEX
LBR\$PUT_RECORD	00001B10-RU	LBR_GETPUT	LBR_INDEX	LBR_INDEX
LBR\$REPLACE_KEY	00002E01-RU	LBR_INDEX	LBR_INDEX	LBR_INDEX
LBR\$RET_RMSSTV	000052DF-RU	LBR_OPENCLOSE	LBR_INDEX	LBR_INDEX
LBR\$SEARCH	00003046-RU	LBR_INDEX	LBR_INDEX	LBR_INDEX
LBR\$SET_INDEX	00002C8C-RU	LBR_INDEX	LBR_INDEX	LBR_INDEX
LBR\$SET_LOCATE	000052A5-RU	LBR_OPENCLOSE	LBR_INDEX	LBR_INDEX
LBR\$SET_MODULE	00002659-RU	LBR_GETPUT	LBR_INDEX	LBR_INDEX

Symbol	Value	Defined By	Referenced By ...	
LBR\$SET_MOVE	000052C2-RU	LBR_OPENCLOSE	LBR_TRANSFER	
LBR\$_AL[WRNGBLK	00269002-U	LBRMSG		
LBR\$_BADPARAM	002690C2-U	LBRMSG	LBR_PUTCACHE	
LBR\$_DUPKEY	0026900A-U	LBRMSG	LBR_INDEX	
LBR\$_EMPTYHIST	0026840B-U	LBRMSG	LBR_GETPUT	
LBR\$_ENDTOPIC	00268848-U	LBRMSG	LBR_OUTPUTHELP	
LBR\$_ERRCLOSE	00268840-U	LBRMSG	LBR_OPENCLOSE	
LBR\$_FACILITY	00000026	LBRMSG		
LBR\$_HDRTRUNC	00268800-U	LBRMSG	LBR_GETPUT	
LBR\$_ILLCREOPT	0026901A-U	LBRMSG	LBR_OPENCLOSE	LBR_SUBS
LBR\$_ILLCTL	00269012-U	LBRMSG	LBR_INDEX	
LBR\$_ILLFMT	0026902A-U	LBRMSG	LBR_OPENCLOSE	
LBR\$_ILLFUNC	00269032-U	LBRMSG	LBR_OPENCLOSE	
LBR\$_ILLIDXNUM	00269022-U	LBRMSG	LBR_INDEX	
LBR\$_ILLINROU	002690EA-U	LBRMSG	LBR_OUTPUTHELP	
LBR\$_ILLOP	0026903A-U	LBRMSG	LBR_GETPUT	LBR_INDEX
LBR\$_ILLOUTROU	002690DA-U	LBRMSG	LBR_GETPUT	
LBR\$_ILLOUTWID	002690E2-U	LBRMSG	LBR_OUTPUTHELP	
LBR\$_ILLTYP	00269042-U	LBRMSG	LBR_OPENCLOSE	
LBR\$_INTRNLERR	002690CA-U	LBRMSG	LBR_GETPUT	LBR_INDEX
LBR\$_INVKEY	0026904A-U	LBRMSG	LBR_GETHELP	LBR_INDEX
LBR\$_INVNAM	00269052-U	LBRMSG	LBR_GETHELP	LBR_SUBS
LBR\$_INVRFA	0026905A-U	LBRMSG	LBR_GETPUT	
LBR\$_KEYINDEX	00268009-U	LBRMSG		
LBR\$_KEYINS	00268011-U	LBRMSG		
LBR\$_KEYNOTFND	00269062-U	LBRMSG	LBR_INDEX	
LBR\$_LIBNOTOPN	0026906A-U	LBRMSG	LBR_INDEX	LBR_SUBS
LBR\$_LIBOPN	0026907A-U	LBRMSG	LBR_OPENCLOSE	LBR_OPENCLOSE
LBR\$_LKPNOTDON	00269072-U	LBRMSG	LBR_GETPUT	
LBR\$_NOFLNAM	00269082-U	LBRMSG	LBR_OPENCLOSE	
LBR\$_NOHISTORY	00268403-U	LBRMSG	LBR_GETPUT	
LBR\$_NOHLPLIBS	00269102	LBRMSG	LBR_OUTPUTHELP	
LBR\$_NOHLPTXT	0026908A-U	LBRMSG		
LBR\$_NOMTCHFOU	00268838-U	LBRMSG	LBR_INDEX	
LBR\$_NORMAL	00268001-U	LBRMSG	LBR_GETHELP	LBR_GETPUT
			LBR_OPENCLOSE	LBR_PUTCACHE
LBR\$_NOTHLPLIB	00269092-U	LBRMSG	LBR_GETHELP	
LBR\$_NOUPDHIST	00268808-U	LBRMSG		
LBR\$_NULIDX	00268810-U	LBRMSG	LBR_INDEX	
LBR\$_OLDLIBRARY	00268019-U	LBRMSG	LBR_OPENCLOSE	
LBR\$_OLDMISMCH	00268818-U	LBRMSG	LBR_OPENCLOSE	
LBR\$_RECLNG	0026909A-U	LBRMSG	LBR_GETPUT	
LBR\$_RECTRUNC	00268820-U	LBRMSG	LBR_GETPUT	
LBR\$_REFCNTZERO	002690A2-U	LBRMSG		
LBR\$_RFAPASTE0F	002690AA-U	LBRMSG	LBR_GETPUT	
LBR\$_STILLKEYS	00268828-U	LBRMSG	LBR_GETPUT	
LBR\$_TOOMNYARG	002690F2-U	LBRMSG	LBR_OUTPUTHELP	
LBR\$_TOOMNYLIB	002690B2-U	LBRMSG	LBR_OPENCLOSE	
LBR\$_TYPMISMCH	00268830-U	LBRMSG	LBR_OPENCLOSE	
LBR\$_UPDURTRAV	002690BA-U	LBRMSG	LBR_INDEX	
LBR\$_USRINPERR	002690FA-U	LBRMSG	LBR_OUTPUTHELP	
LBR\$_WRITEERR	002690D2-U	LBRMSG	LBR_PUTCACHE	

Symbol	Value	Defined By	Referenced By ...
LBR DEAL MEM	00005157-R	LBR OPENCLOSE	
LBR OLD GET IDX	000043FB-R	LBR OLDLIB	LBR INDEX
LBR OLD LIB DAT	00003CE4-R	LBR OLDLIB	LBR OPENCLOSE
LBR OLD LKP KEY	00003DA5-R	LBR OLDLIB	LBR INDEX
LBR OLD SRC IDX	00004423-R	LBR OLDLIB	LBR INDEX
LIB\$SGL_FREVM C	00007444-R	LIB\$VM	
LIB\$SGL_GETVM C	00007440-R	LIB\$VM	
LIB\$SGL_VMINUSE	00007448-R	LIB\$VM	
LIB\$ADR IMAGE	00006B9C-R	CALLIMAGE	LBR OPENCLOSE
LIB\$ANALYZE_SDESC	000072AB-R	LIB\$ANALYZE_SDESC	
LIB\$ANALYZE_SDESC_R2	000072BD-R	LIB\$ANALYZE_SDESC	LIB\$PUT_OUTPUT
LIB\$CALL IMAGE	00006B8B-R	CALLIMAGE	
LIB\$CVT_ATB	00006D1D-R	LIB\$CVT_ATB	LBR GETHELP
LIB\$CVT_HTB	00006D2B-R	LIB\$CVT_ATB	
LIB\$CVT_OTB	00006D24-R	LIB\$CVT_ATB	
LIB\$FREE_EF	00006DCF-R	LIB\$EF	LBR OPENCLOSE
LIB\$FREE_VM	00006FEE-R	LIB\$VM	CALLIMAGE
LIB\$GET_EF	00006D90-R	LIB\$EF	LBR OPENCLOSE
LIB\$GET_VM	00006E64-R	LIB\$VM	CALLIMAGE
LIB\$MAP IMAGE	00006BAC-R	CALLIMAGE	
LIB\$PUT_OUTPUT	000070D4-R	LIB\$PUT_OUTPUT	LBR GETHELP
LIB\$RESERVE_EF	00006E18-R	LIB\$EF	
LIB\$SIGNAL	000071D2-R	LIB\$SIGNAL	LBR OPENCLOSE
LIB\$STOP	000071CC-R	LIB\$SIGNAL	LBR_OUTPUTHELP
LIB\$BADBLOADR	00158264	LIB\$MSGDEF	LIB\$VM
LIB\$BADBLOSI	0015826C	LIB\$MSGDEF	LIB\$VM
LIB\$EF_ALRFRE	0015829C	LIB\$MSGDEF	LIB\$EF
LIB\$EF_ALRRES	001582A4	LIB\$MSGDEF	LIB\$EF
LIB\$EF_RESSYS	001582AC	LIB\$MSGDEF	LIB\$EF
LIB\$FATERRLIB	0015820C	LIB\$MSGDEF	LIB\$VM
LIB\$INSEF	00158294	LIB\$MSGDEF	LIB\$EF
LIB\$INSVIRMEM	00158214	LIB\$MSGDEF	LIB\$VM
LIB\$INVSTRDES	00158224	LIB\$MSGDEF	LIB\$ANALYZE_SDESC
LOOKUP_CACHE	000008C8-R	CACHE	LBR GETPUT
			LBR SUBS
LOCKUP KEY	0000354A-R	LBR INDEX	LBR GETHELP
MAKE_UPPER_CASE	00006528-R	LBR SUBS	LBR INDEX
MARK_DIRTY	00003CCA-R	LBR INDEX	LBR GETPUT
MEM\$C_DYNMEM	000004AC-R	GETMEM	
MEM\$L_MAXBLK	0000049C-R	GETMEM	LBR GETPUT
MEM\$L_MEMEXP	000004A0-R	GETMEM	LBR OPENCLOSE
MOVE TO_UPPER_CASE	000065AC-R	LBR SUBS	LBR INDEX
NEWSL_BLKS	000004A4-R	GETMEM	
READ_BLOCK	000067B5-R	LBR SUBS	LBR GETPUT
			LBR OPENCLOSE
READ_N_BLOCK	000067F9-R	LBR SUBS	LBR INDEX
READ_OLD RECORD	000021A4-R	LBR GETPUT	LBR OLDLIB
READ_RECORD	00002052-R	LBR GETPUT	LBR INDEX
REMOVE_CACHE	000008D3-R	CACHE	LBR GETHELP
REMOVE_KEY	0000345E-R	LBR INDEX	LBR SUBS
SET_MODULE	000026CC-R	LBR GETPUT	LBR INDEX
SSS_ACCVIO	0000000C	SYSSSDEF	CALLIMAGE

Symbol	Value	Defined By	Referenced By ...	
SYSS\$ADJWSL	7FFEDE28	SYSSP1-VECTOR	LBR_OPENCLOSE	
SYSS\$BINTIM	7FFEDE58	SYSSP1-VECTOR	LBR_GETPUT	
SYSS\$CLOSE	7FFEE1B8	SYSSP1-VECTOR	LBR_OPENCLOSE	LBR_OUTPUTHELP
SYSS\$CONNECT	7FFEE1C0	SYSSP1-VECTOR	LBR_OPENCLOSE	LBR_OUTPUTHELP
SYSS\$CREATE	7FFEE1C8	SYSSP1-VECTOR	LBR_OPENCLOSE	LBR_OUTPUTHELP
SYSS\$DISCONNECT	7FFEE1D0	SYSSP1-VECTOR	LBR_OPENCLOSE	LBR_OUTPUTHELP
SYSS\$EXPREG	7FFEDF48	SYSSP1-VECTOR	GETMEM	LIB\$VM
SYSS\$FAO	7FFEDF50	SYSSP1-VECTOR	LBR_GETPUT	LBR_OUTPUTHELP
SYSS\$GETTIM	7FFEDF78	SYSSP1-VECTOR	LBR_GETPUT	LBR_OPENCLOSE
SYSS\$IMGACT	7FFEDF90	SYSSP1-VECTOR	CALLIMAGE	
SYSS\$IMGFIX	7FFEE400	SYSSP1-VECTOR	CALLIMAGE	
SYSS\$OPEN	7FFEE208	SYSSP1-VECTOR	LBR_OPENCLOSE	
SYSS\$PARSE	7FFEE230	SYSSP1-VECTOR	LBR_OUTPUTHELP	
SYSS\$PUT	7FFEE1B8	SYSSP1-VECTOR	LBR_OUTPUTHELP	LIB\$PUT_OUTPUT
SYSS\$READ	7FFEE190	SYSSP1-VECTOR	LBR_GETPUT	LBR_OPENCLOSE
SYSS\$SEARCH	7FFEE248	SYSSP1-VECTOR	LBR_OUTPUTHELP	LBR_SUBS
SYSS\$SETAST	7FFEDFF8	SYSSP1-VECTOR	LIB\$VM	
SYSS\$SETIMR	7FFEE020	SYSSP1-VECTOR	LBR_OPENCLOSE	
SYSS\$SRCHANDLER	7FFEE118	SYSSP1-VECTOR	LIB\$SIGNAL	
SYSS\$TRNLOG	7FFEE058	SYSSP1-VECTOR	LBR_OUTPUTHELP	
SYSS\$WAIT	7FFEE1AB	SYSSP1-VECTOR	LIB\$PUT_OUTPUT	
SYSS\$WAITFR	7FFEE078	SYSSP1-VECTOR	LBR_OPENCLOSE	
SYSS\$WRITE	7FFEE1B0	SYSSP1-VECTOR	LBR_PUTCACHE	LBR_SUBS
TRAVERSE_KEYS	0000364F-R	LBR_INDEX	LBR_GETHELP	LBR_INDEX
VALIDATE_CTL	00006641-R	LBR_SUBS	LBR_GETHELP	
WRITE_BLOCK	00006783-R	LBR_SUBS	LBR_OPENCLOSE	LBR_PUTCACHE
WRITE_RECORD	00001F37-R	LBR_GETPUT	CACRE	
			LBR_INDEX	LBR_PUTCACHE

+-----+
! Symbols By Value !
+-----+

Value

00000000	R-DCX\$ANALYZE_INIT
00000001	DCXSC_LIST
00000008	R-DCX\$ANALYZE_DATA
0000000A	LBRSK_LIBBLOCKS
0000000C	SSS_ACCVIO
00000010	R-DCX\$MAKE_MAP
00000018	R-DCX\$ANALYZE_DONE
00000020	R-DCX\$COMPRESS_INIT
00000026	LBR\$_FACILITY
00000028	R-DCX\$COMPRESS_DATA
00000030	R-DCX\$COMPRESS_DONE
00000038	R-DCX\$EXPAND_INIT
00000040	R-DCX\$EXPAND_DATA
00000048	R-DCX\$EXPAND_DONE
00000101	DCXSC_BOUNDDED
00000102	DCXSC_ONE_PASS
00000200	RU-LBRSGE_CONTROL
00000201	DCXSC_EST_RECORDS
00000202	DCXSC_EST_BYTES
00000204	RU-LBRSGE_RMSSTV
00000208	R-LBR\$AL_CTLTAB
00000248	R-LBR\$GL_HICTL
0000024C	R-LBR\$GT_EOTDESC
00000250	R-LBR\$GT_LBRVER
00000268	R-LBR\$GL_MAXREAD
0000026C	R-LBR\$GL_MAXIDXRD
00000270	R-DCX\$HR_ADDRESS
00000274	R-DCX_ANALYZE_INIT
00000278	R-DCX_ANALYZE_DATA
0000027C	R-DCX_ANALYZE_DONE
00000280	R-DCX_COMPRESS_INIT
00000284	R-DCX_COMPRESS_DATA
00000288	R-DCX_COMPRESS_DONE
0000028C	R-DCX_EXPAND_INIT
00000290	R-DCX_EXPAND_DATA
00000294	R-DCX_EXPAND_DONE
00000298	R-DCX_MAKE_MAP
0000049C	R-MEM\$L_MAXBLK
000004A0	R-MEM\$L_MEMEXP
000004A4	R-NEWSL_BLKS
000004AC	R-MEM\$L_DYNMEM
00000800	R-ADD_CACHE
000008C8	R-LOOKUP_CACHE
000008D3	R-REMOVE_CACHE
000008EA	R-EMPTY_CACHE
00000967	R-LBR\$GET_VM
000009D6	R-LBR\$FREE_VM
00000857	RU-LBR\$GET_HELP
00001A74	RU-LBR\$FIND

Symbols...

... In

Value	-----
00001B10	RU-LBR\$PUT_RECORD
00001C1D	RU-LBR\$PUT-END
00001C77	RU-LBR\$GET-RECORD
00001DAA	RU-LBR\$DELETE DATA
00001E3A	R-DELETE DATA
00001F37	R-WRITE RECORD
00002052	R-READ RECORD
000021A4	R-READ-OLD RECORD
00002451	R-INCR-REFCNT
000024F9	R-DECR-REFCNT
00002^A1	RU-LBR\$INSERT TIME
00002659	RU-LBR\$SET MODULE
000026CC	R-SET MODULE
00002867	RU-LBR\$PUT_HISTORY
00002B62	RU-LBR\$GET_HISTORY
00002C8C	RU-LBR\$SET_INDEX
00002CCA	RU-LBR\$LOOKUP KEY
00002D99	RU-LBR\$INSERT_KEY
00002E01	R-LBR\$REPLACE KEY
00002EA7	RU-LBR\$DELETE_KEY
00002EDF	R-DELETE KEY
00002F34	R-LBR\$GET_INDEX
00003046	RU-LBR\$SEARCH
0000313C	R-ADD KEY
0000345E	R-REMOVE_KEY
0000354A	R-LOOKUP KEY
0000364F	R-TRAVERSE_KEYS
0000369E	R-FIND KEY
0000391B	R-FIND_INDEX
00003CA7	R-CHECK LOCK
00003CCA	R-MARK DIRTY
00003CE4	R-LBR-OLD-LIB-DAT
00003DAS	R-LBR-OLD-LKP-KEY
000043FB	R-LBR-OLD-GET-IDX
00004423	R-LBR-OLD-SRC-IDX
000045C0	RU-LBR\$INI_CONTROL
00004636	RU-LBR\$DCX_MAP
00004792	R-DCX_IT
000047F8	R-LBR\$LOAD_DCX
00004838	RU-LBR\$OPEN
00004EF8	RU-LBR\$CLOSE
00005157	R-LBR DEAL MEM
000051D0	RU-LBR\$GET_HEADER
000052A5	RU-LBR\$SET_LOCATE
000052C2	RU-LBR\$SET_MOVE
000052DF	RU-LBR\$RET_RMSSTV
0000532C	RU-LBR\$OUTPUT_HELP
0000646E	R-DEALLOC CACHE
000064CE	RU-LBR\$FLUSH
00006528	R-MAKE_UPPER_CASE
000065AC	R-MOVETO_UPPER_CASE
000065D0	R-GET_MFA

Value

000065D3 R-DEALLOC MEM
 000065D6 R-GET_ZMEM
 000065F6 R-FIND_BLOCK
 00006641 R-VALIDATE_CTL
 00006677 R-ALLOC_BLOCK
 000066DD R-DEALLOC_BLOCK
 00006783 R-WRITE_BLOCK
 000067B5 R-READ_BLOCK
 000067B9 R-READ_N_BLOCK
 00006930 R-INCR_RFA
 00006954 R-LBRSPATCH
 00006B54 R-FMGSMATCH_NAME
 00006B9C R-LIB\$ADR_IMAGE
 00006BAC R-LIB\$MAP_IMAGE
 00006B8B R-LIB\$CALC_IMAGE
 00006D1D R-LIB\$CVT_BTB
 00006D24 R-LIB\$CVT_QTB
 00006D28 R-LIB\$CVTHTB
 00006D90 R-LIB\$GET_EF
 00006DCF R-LIB\$FREE_EF
 00006E18 R-LIB\$RESERVE_EF
 00006E64 R-LIB\$GET_VM
 00006FEE R-LIB\$FREE_VM
 000070D4 R-LIB\$PUT_OUTPUT
 000071CC R-LIB\$STOP
 000071D2 R-LIB\$SIGNAL
 000072A8 R-LIB\$ANALYZE_SDESC
 000072BD R-LIB\$ANALYZE_SDESC_R2
 00007440 R-LIB\$SGL_GETVM_C
 00007444 R-LIB\$SGL_FREVM_C
 00007448 R-LIB\$SGL_VMINUSE
 0015820C LIB\$_FATERRLIB
 00158214 LIB\$_INSVIRMEM
 00158224 LIB\$_INVSTRDES
 00158264 LIB\$_BADBLOADR
 0015826C LIB\$_BADBLOSI
 00158294 LIB\$_INSEF
 0015829C LIB\$_EF_ALRFRE
 001582A4 LIB\$_EF_ALRRES
 001582AC LIB\$_EF_RESSYS
 00268001 U-LBR\$_NORMAL
 00268009 U-LBR\$_KEYINDEX
 00268011 U-LBR\$_KEYINS
 00268019 U-LBR\$_OLDLIBRARY
 00268403 U-LBR\$_NOHISTORY
 00268408 U-LBR\$_EMPTYHIST
 00268800 U-LBR\$_HDRTRUNC
 00268808 U-LBR\$_NOUPDHIST
 00268810 U-LBR\$_NULIDX
 00268818 U-LBR\$_OLDMISMCH
 00268820 U-LBR\$_RECTRUNC
 00268828 U-LBR\$_STILLKEYS

Symbols...

:

D

C

U

Value

00268830 U-LBRS_TYPMISMCH
 00268838 U-LBRS_NOMTCHFOU
 00268840 U-LBRS_ERRCLOSE
 00268848 U-LBRS_ENDTOPIC
 00269002 U-LBRS_ALLWRNGBLK
 0026900A U-LBRS_DUPKEY
 00269012 U-LBRS_ILLCTL
 0026901A U-LBRS_ILLCREOPT
 00269022 U-LBRS_ILLIDXNUM
 0026902A U-LBRS_ILLFMT
 00269032 U-LBRS_ILLFUNC
 0026903A U-LBRS_ILLOP
 00269042 U-LBRS_ILLTYP
 0026904A U-LBRS_INVKEY
 00269052 U-LBRS_INVNAM
 0026905A U-LBRS_INVRFA
 00269062 U-LBRS_KEYNOTFND
 0026906A U-LBRS_LIBNOTOPN
 00269072 U-LBRS_LKPNOTDON
 0026907A U-LBRS_LIBOPN
 00269082 U-LBRS_NOFILNAM
 0026908A U-LBRS_NOHLPTXT
 00269092 U-LBRS_NOHLPLIB
 0026909A U-LBRS_RECLNG
 002690A2 U-LBRS_REFCNTZERO
 002690AA U-LBRS_RFAPASTEOF
 002690B2 U-LBRS_TOOMNYLIB
 002690BA U-LBRS_UPDURTRAV
 002690C2 U-LBRS_BADPARAM
 002690CA U-LBRS_INTRNLERR
 002690D2 U-LBRS_WRITEERR
 002690DA U-LBRS_ILLOUTROU
 002690E2 U-LBRS_ILLOUTWID
 002690EA U-LBRS_ILLINROU
 002690F2 U-LBRS_TOOMNYARG
 002690FA U-LBRS_USRINPERR
 00269102 LBRS_NOHLPLIBS
 00F68001 DCXS_NORMAL
 00F68403 DCXS AGAIN
 00F68800 DCXS_TRUNC
 00F69002 DCXS_INVARG
 00F6900A DCXS_INVDATA
 00F69012 DCXS_INVCTX
 00F69022 DCXS_INVMAP
 7FFEDE28 SYSSADJWSL
 7FFEDE58 SYSSBINTIM
 7FFEDF48 SYSSEXPREG
 7FFEDF50 SYSSFAO
 7FFEDF78 SYSSGETTIM
 7FFEDF90 SYSSIMGACT
 7FFEDFF8 SYSSSETAST
 7FFEE020 SYSSSETIMR

Symbols...

D

Value

7FFEE058
7FFEE078
7FFEE118
7FFEE188
7FFEE190
7FFEE1A8
7FFEE1B0
7FFEE1B8
7FFEE1C0
7FFEE1C8
7FFEE1D0
7FFEE208
7FFEE230
7FFEE248
7FFEE400

Symbols...

SYS\$TRNLOG
SYS\$WAITFR
SYS\$SRCHANDLER
SYS\$PUT
SYS\$READ
SYS\$WAIT
SYS\$WRITE
SYS\$CLOSE
SYS\$CONNECT
SYS\$CREATE
SYS\$DISCONNECT
SYS\$OPEN
SYS\$PARSE
SYS\$SEARCH
SYS\$IMGFIX

Key for special characters above:

!	*	- Undefined
!	U	- Universal
!	R	- Relocatable
!	X	- External

Virtual memory allocated:
 Stack size:
 Image header virtual block limits:
 Image binary virtual block limits:
 Image name and identification:
 Number of files:
 Number of modules:
 Number of program sections:
 Number of global symbols:
 Number of cross references:
 Number of image sections:
 Image type:
 Map format:
 Estimated map length:

00000000 000075FF 00007600 (30208. bytes, 59. pages)
 0. pages
 1. 1. (1. block)
 2. 60. (59. blocks)
 LBRSHR V04-000
 4.
 27.
 10.
 145.
 508.
 4.
 PIC, SHAREABLE. Global Section Match=LESS/EQUAL, Ident, Major=2, Minor=9
 FULL WITH CROSS REFERENCE in file _S255\$DUA28:[LBR.LIS]LBRSHR.MAP:1
 76. blocks

Performance Indicators

Command processing:
 Pass 1:
 Allocation/Relocation:
 Pass 2:
 Map data after object module synopsis:
 Symbol table output:
 Total run values:

	Page Faults	CPU Time	Elapsed Time
Command processing:	183	00:00:01.20	00:00:02.53
Pass 1:	150	00:00:01.99	00:00:03.95
Allocation/Relocation:	39	00:00:00.31	00:00:00.80
Pass 2:	91	00:00:01.75	00:00:03.40
Map data after object module synopsis:	20	00:00:01.65	00:00:01.78
Symbol table output:	10	00:00:00.17	00:00:00.74
Total run values:	493	00:00:07.07	00:00:13.20

Using a working set limited to 1200 pages and 101 pages of data storage (excluding image)

Total number object records read (both passes): 1625
 of which 813 were in libraries and 176 were DEBUG data records containing 14189 bytes

Number of modules extracted explicitly = 14
 with 12 extracted to resolve undefined symbols

28 library searches were for symbols not in the library searched

A total of 16 global symbol table records was written

LINK/NOSYSSHR/SHARE=EXES:LBRSHR/MAP=MAPS:LBRSHR/FULL/CROSS/SYMBOL=EXES:LBRSHR SYSSINPUT:/OPTIONS

Options for LBRSHRLNK.COM

Put the transfer vector up front

LIBS:LBR/INCLUDE=(LBR_TRANSFER,-

Place the LBRSHR routines immediately after

CACHE,-

!Cache routines

```

GETMEM,-          Memory allocation/deallocation
LBRMSG,-         Message codes
LBR$DATA,-        Global data
LBR$GETHELP,-     Extract HELP text
LBR$GETPUT,-      Read/write records
LBR$INDEX,-       Index manipulation
LBR$OLDLIB,-      VMS R1 format routines
LBR$OPENCLOSE,-   Open/close library
LBR$OUTPUTHELP,-  Prompting and library searching help
LBR$PUTCACHE,-    Write cache to library
LBR$SUBS,-        Subroutines
PAD}              Padding for expansion/patching

```

```

! Link off of DCXSHR's symbol table

```

```

LIB$:[DCX.OBJ]DCXSHR.STB

```

```

! Tweak transfer vector attributes to place it first

```

```

PSECT=$$VECTOR_0 LBR,NOPIC
PSECT=_LIB$CODE,NOPIC,NOSHR

```

```

! Set Global Section match control

```

```

GSMATCH=LEQUAL,2,9

```

```

! Define universal symbols

```

```

UNIVERSAL= -
LBR$CLOSE,-       !Close library
LBR$DCX_MAP,-     !Get a DCX map
LBR$DELETE_DATA,- !Delete data
LBR$DELETE_KEY,-  !Delete key
LBR$FIND,-        !Lookup by RFA
LBR$FLUSH,-       !Flush cache
LBR$GET_HEADER,- !Return library header
LBR$GET_HELP,-    !Return HELP text
LBR$GET_HISTORY,- !Return library history records
LBR$GET_RECORD,-  !Read text record
LBR$INI_CONTROL,- !Initialize control
LBR$INSERT_TIME,- !Insert date/time into module header
LBR$INSERT_KEY,-  !Insert key
LBR$LOOKUP_KEY,- !Lookup key
LBR$OPEN,-        !Open library
LBR$OUTPUT_HELP,- !Prompting and library searching help
LBR$PUT_END,-     !Terminate writing module text
LBR$PUT_HISTORY,- !Build library update history
LBR$PUT_RECORD,-  !Write module text record
LBR$SEARCH,-      !Search index for given RFA
LBR$SET_INDEX,-   !Set current index
LBR$SET_LOCATE,-  !Set locate mode
LBR$SET_MODULE,-  !Return / update module header
LBR$SET_MOVE,-    !Set move mode
LBR$RET_RMSSTV,-  !Return RMS status value
LBR$GL_CONTROL,- !Pointer to library context block

```

LBR\$GL_RMSSTV,- !RMS STV on errors

! LBR messages

: Success

lbr\$_normal,-
lbr\$_keyindex,-
lbr\$_keyins,-
lbr\$_oldlibrary,-

! Informational codes

lbr\$_nohistory,-
lbr\$_emptyhist,-

! Warning codes

lbr\$_hdrtrunc,-
lbr\$_noupdhist,-
lbr\$_nulidx,-
lbr\$_oldmismch,-
lbr\$_rectrunc,-
lbr\$_stillkeys,-
lbr\$_typmismch,-
lbr\$_nomtchfou,-
lbr\$_errclose,-
lbr\$_endtopic,-

! Error codes

lbr\$_allwrngblk,-
lbr\$_dupkey,-
lbr\$_illctl,-
lbr\$_illcreopt,-
lbr\$_illidxnum,-
lbr\$_illfmt,-
lbr\$_illfunc,-
lbr\$_illop,-
lbr\$_illtyp,-
lbr\$_invkey,-
lbr\$_invnam,-
lbr\$_invrfa,-
lbr\$_keynotfnd,-
lbr\$_libnotopn,-
lbr\$_lkpnotdon,-
lbr\$_libopn,-
lbr\$_nofilnam,-
lbr\$_nohlptxt,-
lbr\$_nothlplib,-
lbr\$_recrng,-
lbr\$_refcntzero,-
lbr\$_rfapasteof,-
lbr\$_toomnylib,-
lbr\$_updurtrav,-
lbr\$_badparam,-
lbr\$_intrnierr,-
lbr\$_writeerr,-
lbr\$_illoutrou,-
lbr\$_illoutwid,-
lbr\$_illinrou,-
lbr\$_toomnyarg,-
lbr\$_usrinperr

\$_\$255\$DUA28:[LBR.OBJ]LBRSHR.EXE;1

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OLD

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